



Cobre Panama Resumen de Producción

07:00 AM - 07:00 AM

11/24/2022

MOVIMIENTO DE MATERIAL

BOTIJA PIT					
Tipo de Material	ORE		WASTE		Total
Destino	Toneladas	Cu %	Toneladas	Cu %	Toneladas Cu %
Crusher	313,346	0.40			313,346 0.40
MED	269,425	0.35			269,425
HGO	42,858	0.72			42,858
LOW	1,063	0.18			1,063
Botadero			89,356		89,356
Stockpile	4,089	0.18			4,089
LOW	4,089	0.18			4,089
Total	317,435	0.40	89,356		406,791

COLINA PIT		
Destino	Waste	Total
Botadero	103,191	103,191
Total	103,191	103,191

Resumen del Turno	
Turno	Toneladas
Day	274,703
Night	256,103
Total	530,807

Pluviometría	
Fecha del Turno	Milímetros
11/24/2022	0.00

Inpit		
Botija Pit (t)	Colina (t)	Acum. Mensual (t)
12,605	3,939	539,216

Remanejo: Stockpile a Trituradora			
Botija Pit (t)	Cu %	Colina (t)	Acum. Mensual (t)
			26,806

Material Movido entre Botaderos		
Botija Pit (t)	Colina (t)	Acum. Mensual (t)
		4,279
		185,895

Total de Material Movido			
Botija Pit (t)	Colina (t)	Toneladas (t)	Acum. Mensual (t)
		423,676	10,956,197

DISPONIBILIDAD DE CAMIONES

Número de Camiones Disponibles por Hora																											
Flota	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	00	01	02	03	04	05	06	Total		
▼ Liebherr T284	28	28	27	27	30	30	30	31	31	32	33	33	33	33	31	31	33	32	32	32	32	32	32	32	31		
⊞ Cat 777G	17	16	16	16	16	16	16	16	16	17	18	17	17	17	18	18	17	16	16	16	17	17	18	18	17		

TRITURACIÓN

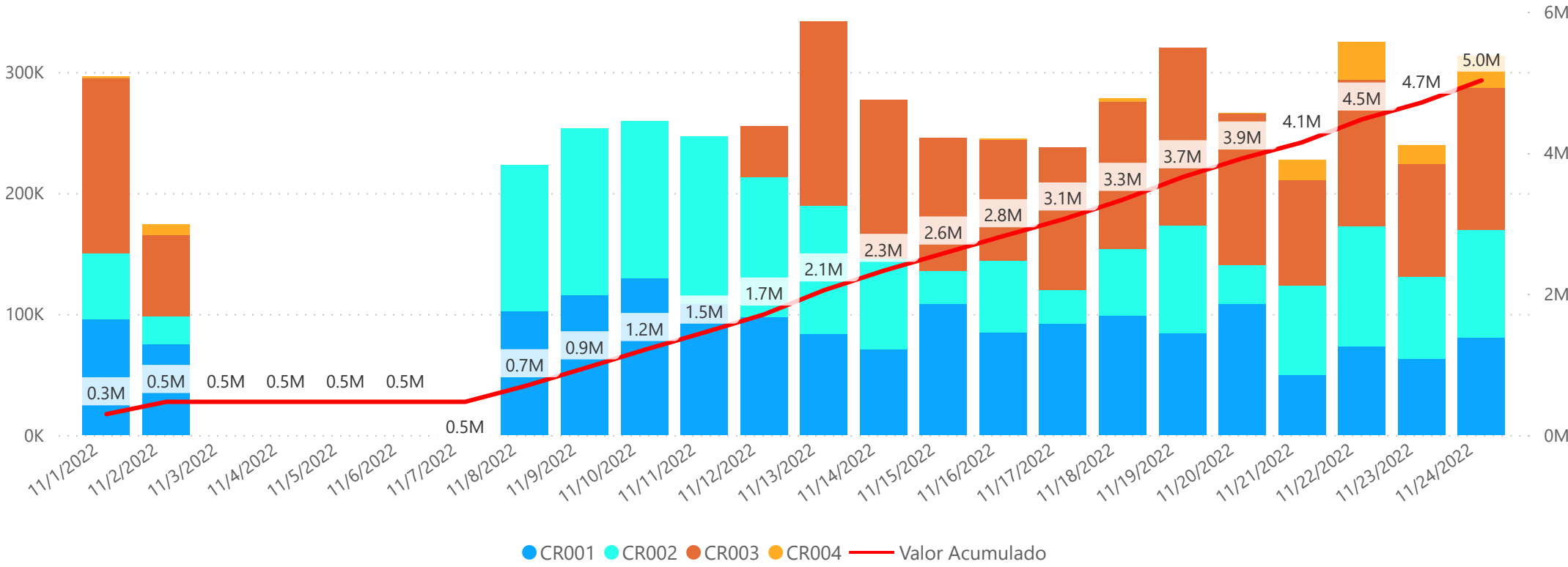
Alimentación Diaria a Trituradoras

Turno	CR001	CR002	CR003	CR004	Total
Day	33,689	47,728	53,148	19,699	154,264
Night	47,270	40,727	64,475	6,610	159,081
Total	80,959	88,455	117,623	26,309	313,346

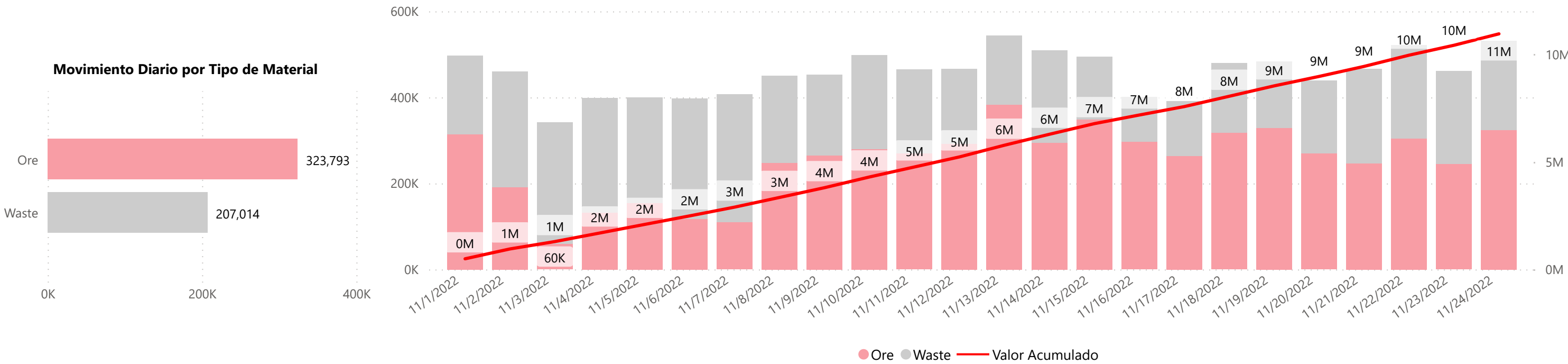
Total Cu%: 0.40

Trituradora Auxiliar

Turno	Toneladas Diarias (wt)	Toneladas Acum. Mensual (wt)	Colas (mins)	Espera para vaciar (mins)
Night	1,959	68,150	0.30	0.05
Day	3,480	55,918	0.39	0.02
Total	5,439	124,068	0.36	0.03



MOVIMIENTO POR TIPO DE MATERIAL



MATERIAL MINADO POR CARGADOR

Flota	Cargador	Toneladas
Total		530,807
P&H 4100XPC	Total	410,906
	SHE03	109,839
	SHE04	86,097
	SHE05	78,257
	SHE01	71,439
P&H L2350	SHE02	65,274
	Total	55,410
	WLL01	41,099
LiebherrR9350	WLL02	14,311
	Total	39,958
	EX068	19,460
Liebherr 9100	EX069	19,351
	EX067	1,147
	Total	20,253
	EX059	10,839
KOM WA600	EX062	9,414
	Total	4,279
	WL010	3,641
	WL012	458
	WL011	180

DISPONIBILIDAD Y UTILIZACION

Flota	Disponibilidad (%)	Utilización (%)	Hrs Disponibles	Hrs Utilizadas	Hrs Operativas
Liebherr T284	81.5%	86.3%	743.1	723.8	641.2
Cat 777G	83.9%	71.4%	402.5	323.0	287.5
P&H 4100XPC	95.1%	79.5%	114.2	102.0	90.7
LiebherrR9350	94.9%	51.3%	68.3	54.7	35.1
P&H L2350	50.7%	82.1%	36.5	34.2	30.0

DAÑO POR ACCIDENTE

Flota	Operaciones de Mina (h)
Cat 777G	2.21

TIEMPO DE CICLO

Material	Cat 777G	Liebherr T284	Total
Ore	22.91	27.94	27.42
Waste	21.24	26.09	23.17
Total	21.47	27.34	25.20

DESGLOSE DE TIEMPO DE CICLO, MINUTOS PROMEDIO

Material	Flota	Cat 777G		Liebherr T284		Total	
		Duracion de Ciclo	Ciclos	Duracion de Ciclo	Ciclos	Duracion de Ciclo	Ciclos
Ore	Crusher	22.91	110	27.97	876	27.43	986
	In_Pit			24.89	19	24.89	19
	Stockpile			30.04	11	30.04	11
	Total	22.91	110	27.94	906	27.42	1016
Waste	Botadero	22.00	520	25.99	429	23.79	949
	In_Pit	18.10	134	33.63	5	18.76	139
	Total	21.24	654	26.09	434	23.17	1088
Total		21.47	764	27.34	1340	25.20	2104

PRODUCTIVIDAD

Flota	Productividad (t/h)
Liebherr T284	728
Cat 777G	223
P&H 4100XPC	4,530
P&H L2350	1,849
LiebherrR9350	1,139
Liebherr 9100	595
KOM WA600	222

POMEDIO DE CARGA UTIL

Material	Ore		Waste		Total	
Flota	Toneladas	Ciclos	Toneladas	Ciclos	Toneladas	Ciclos
Liebherr T284	313,887	906	346	152,798	434	352
Cat 777G	9,906	110	90	54,216	654	83
Total	323,793	1016	319	207,014	1088	190

PROMEDIO DE CAMIONES OPERATIVOS ASIGNADOS

Material	Destino	Cat 777G	Liebherr T284
Ore	Crusher	1.75	17.85
	In_Pit		0.33
	Stockpile		0.23
	Total	1.75	18.41
Waste	Botadero	8.52	8.14
	In_Pit	1.71	0.14
	Total	10.23	8.28
Total		11.98	26.69

UTILIZACIÓN DEL TROLLEY

Carril	Cargas	Acum. Mensual
Diesel Lane 1	39	1,289
Diesel Lane 2	7	411
Trolley Line 1	155	2,966
Trolley Line 2	146	4,992
Total	345	9,338

PERFORACIÓN

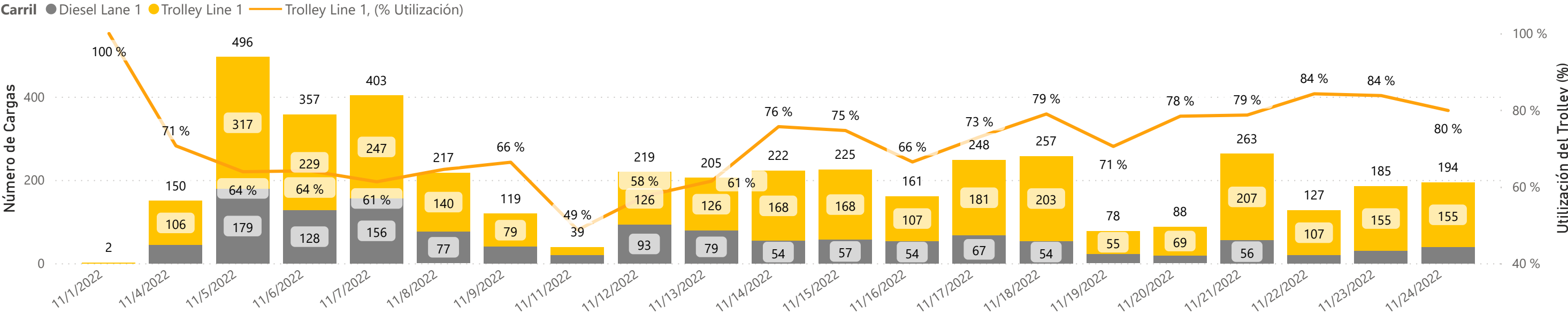
Flota	Perforadora	Metros Re-Perforados	Metros Totales	Re-Perforados (%)	Acum. Mensual (m)
Total		47	4,406	1.06%	119,560
Atlas Copco PV271-D	Total		642		16,995
	DRE11		642		10,783
	DRE12				6,211
Atlas Copco PV271-E	Total	29	1,806	1.62%	35,576
	DRE10	17	587	2.94%	7,307
	DRE5	12	238	5.05%	7,822
	DRE6		529		5,588
	DRE8		141		7,867
	DRE9		312		6,993
Atlas Copco PV351	Total				24,352
	DRE3				11,601
	DRE4				12,751
Cat MD6640	Total	18	697	2.53%	14,021
	DRE1	18	315	5.60%	7,390
	DRE2		382		6,631
D65 Atlas Copco	Total		1,261		28,616
	DR021		293		4,975
	DR022		63		7,589
	DR023		268		3,825
	DR024		333		7,962
	DR025		303		4,265

DISPONIBILIDAD Y UTILIZACIÓN

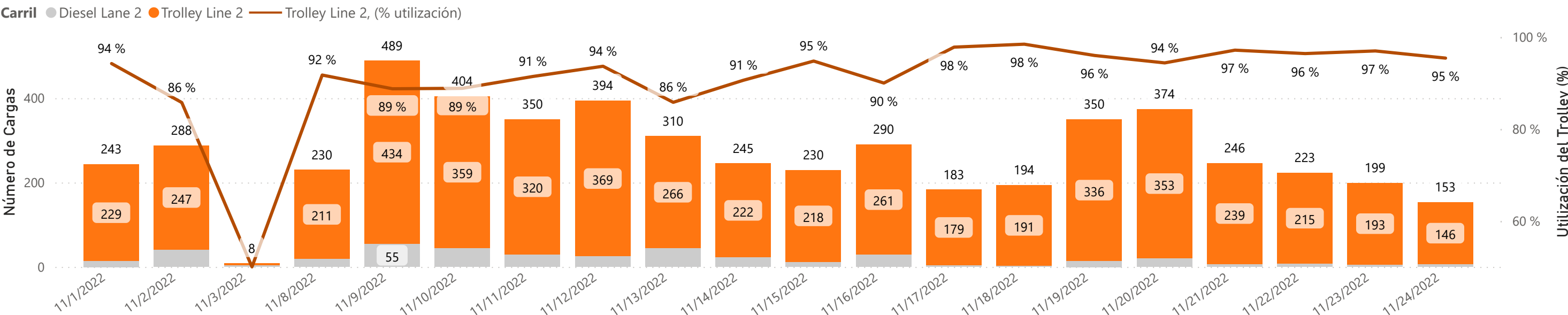
Flota	Disponibilidad (%)	Utilización (%)	Hrs Disponibles	Hrs Operativas
D65 Atlas Copco	92.1 %	54.1 %	111	60
Cat MD6640	100.0 %	49.4 %	48	24
Atlas Copco PV351	96.5 %	0.0 %	46	0
Atlas Copco PV271-E	91.6 %	48.7 %	132	64
Atlas Copco PV271-D	50.0 %	87.7 %	24	21

Diseño	Total de Metros
bo0030_026	1,116
bo0030_707	1,052
bo107502_018	697
bo112003_302_251mm	691
co1195_006	642
bo0015_744	209
Total	4,406

UTILIZACIÓN DE LA RAMPA TROLLEY 1



UTILIZACIÓN DE LA RAMPA TROLLEY 2



Disponibilidad del Pantógrafo

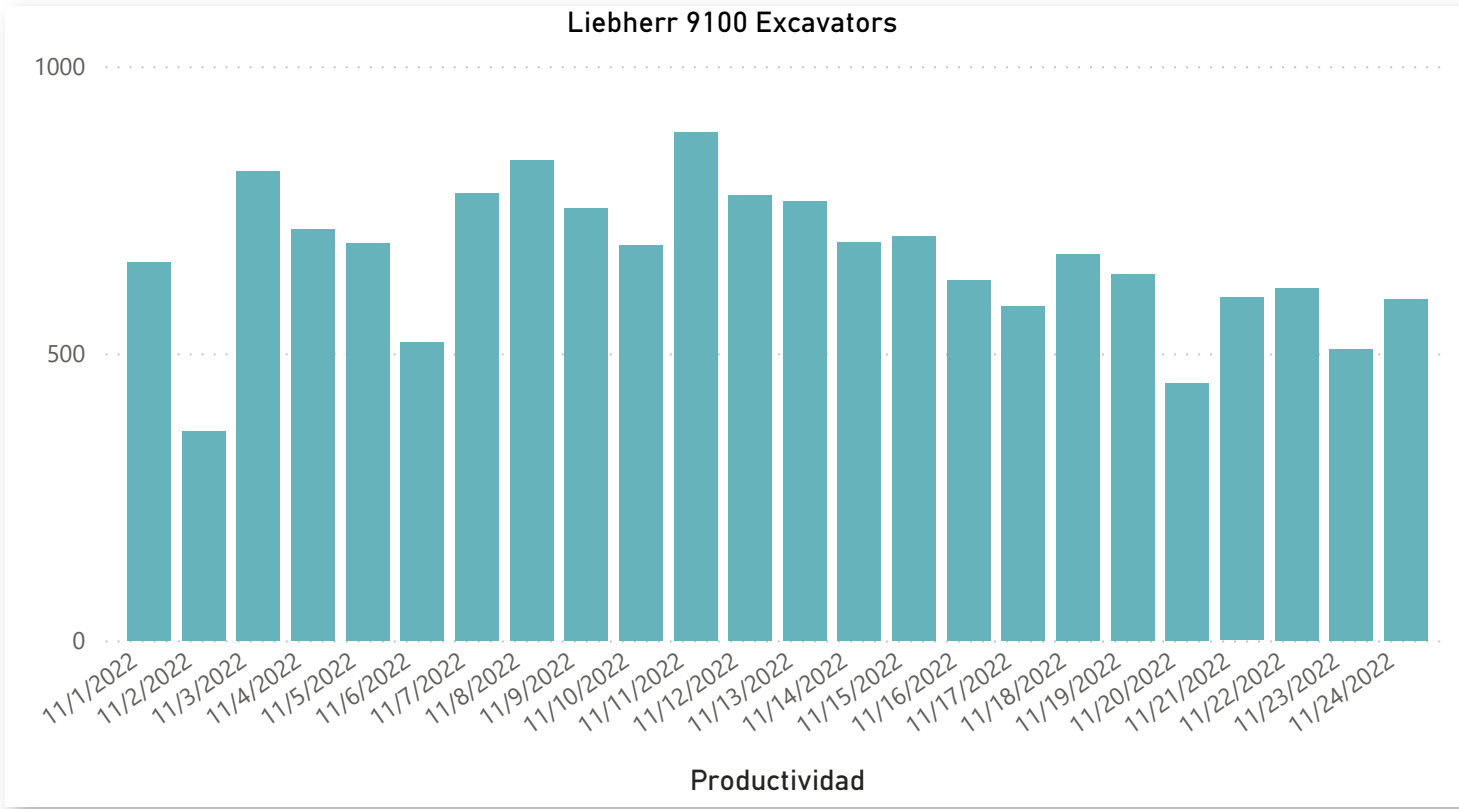
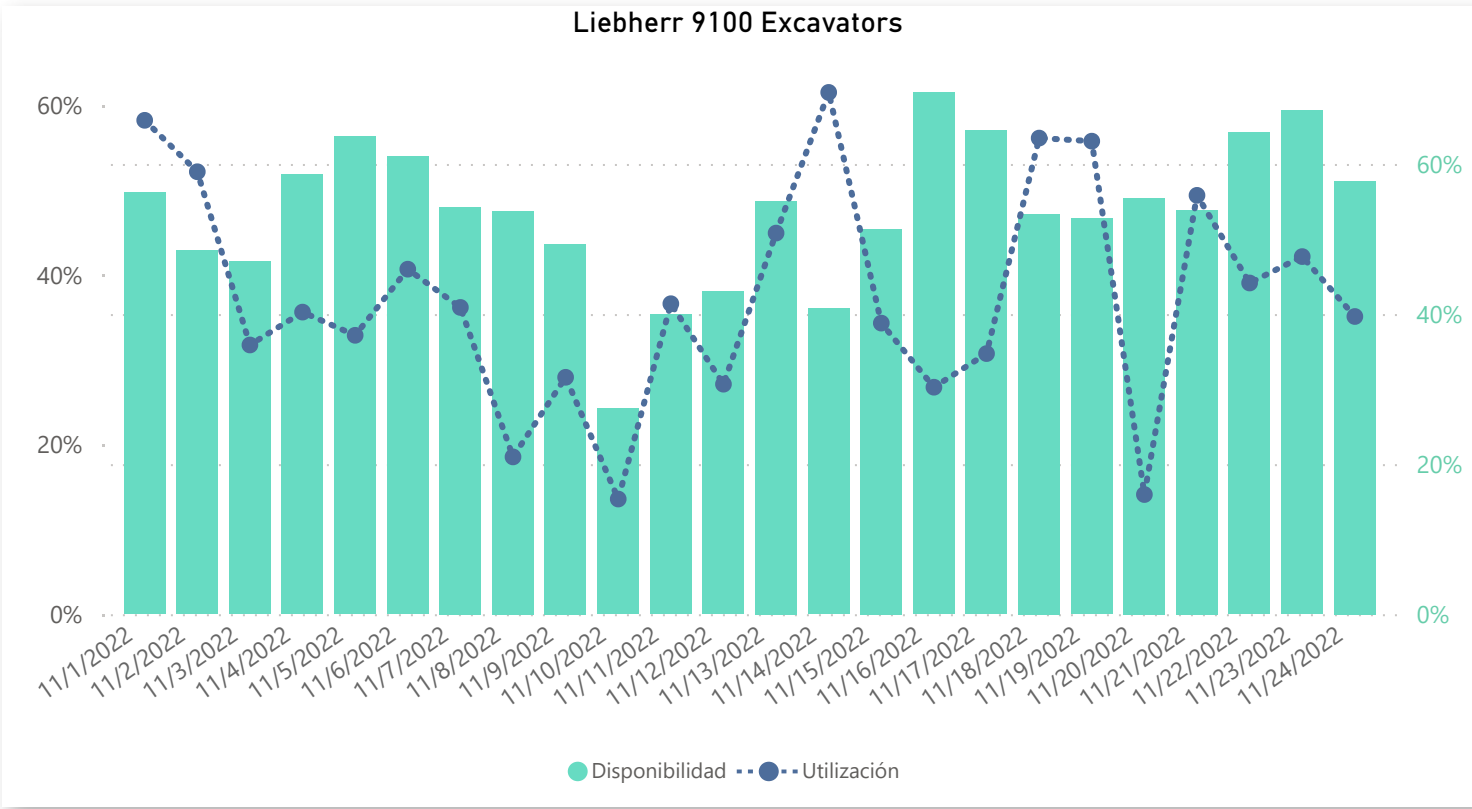
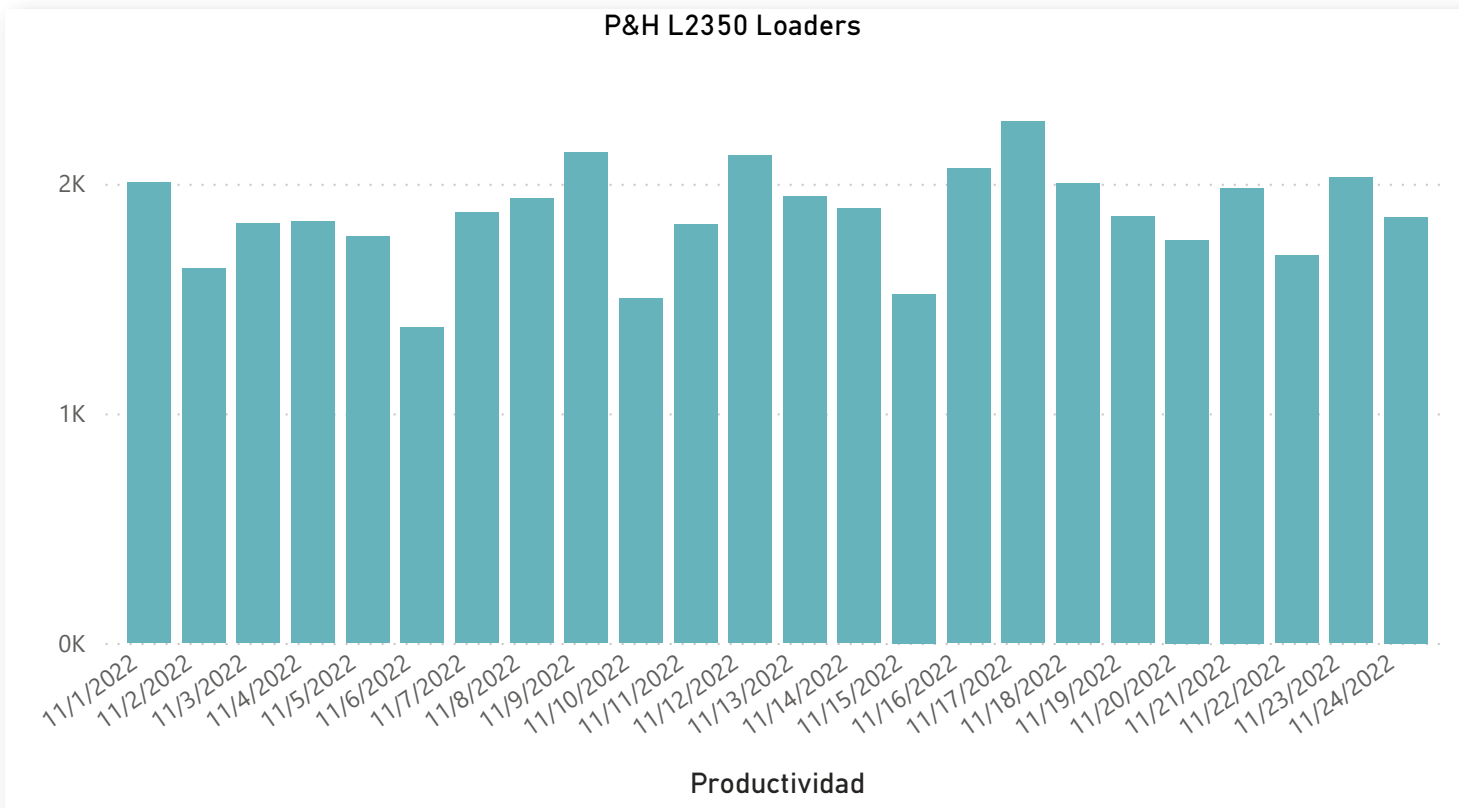
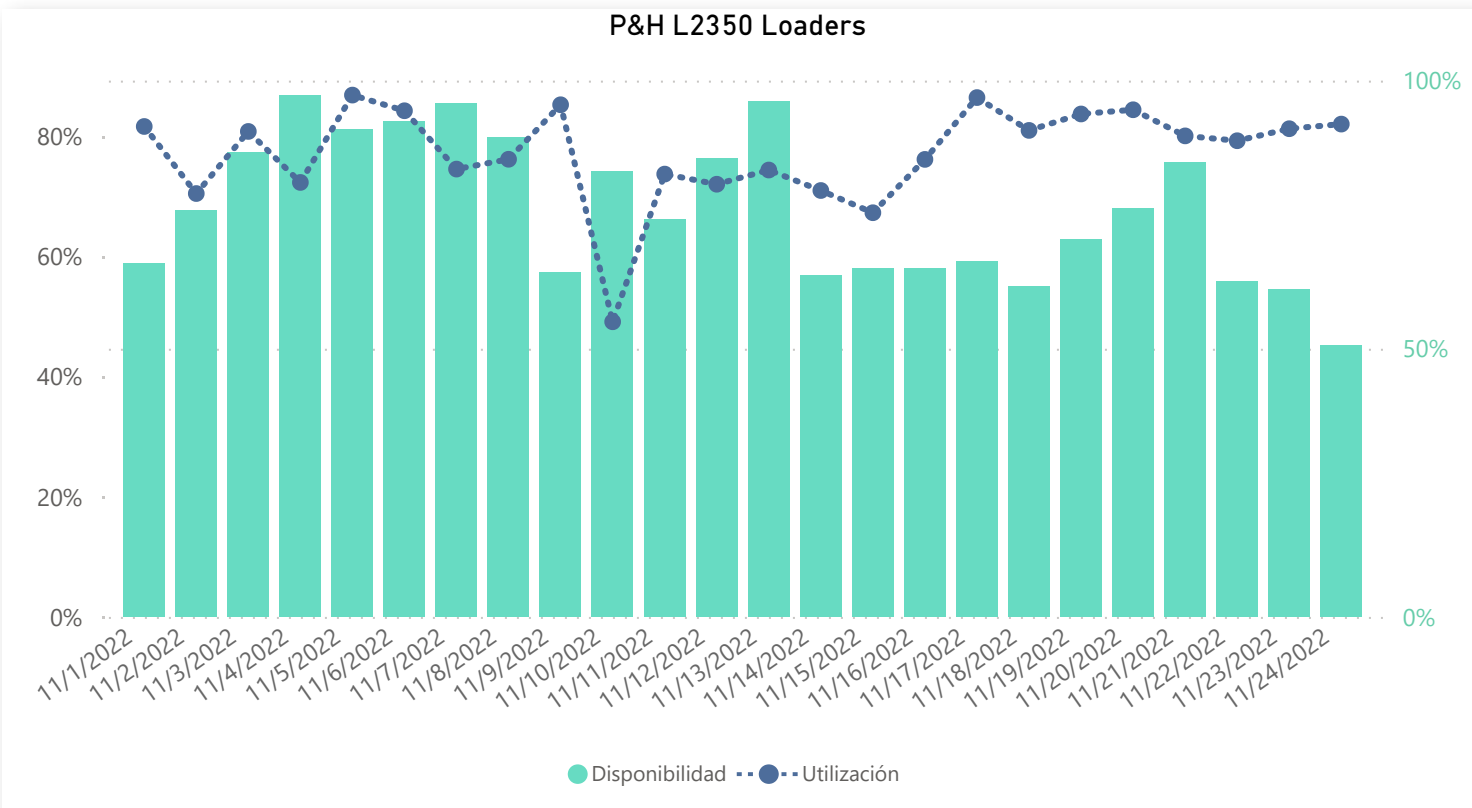
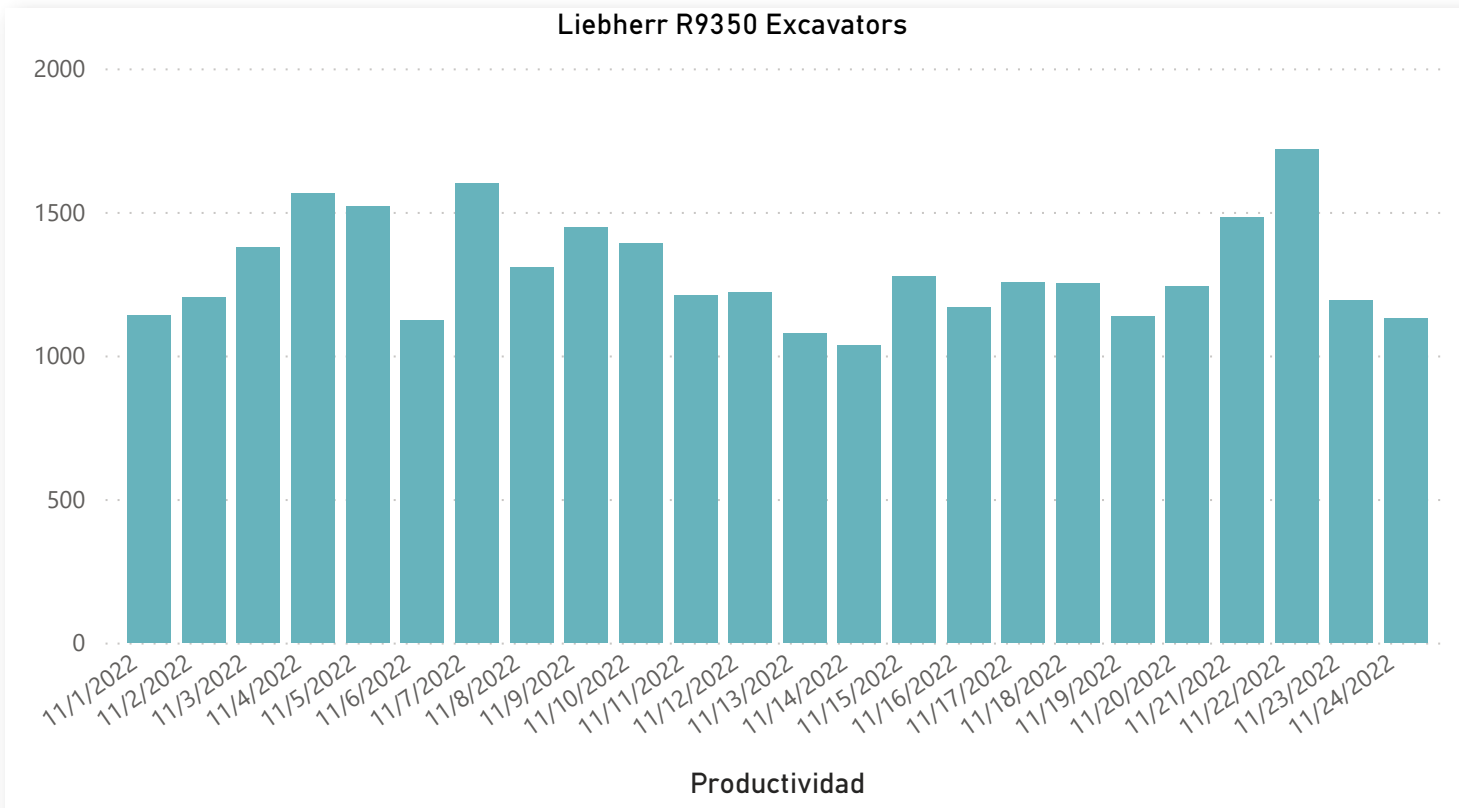
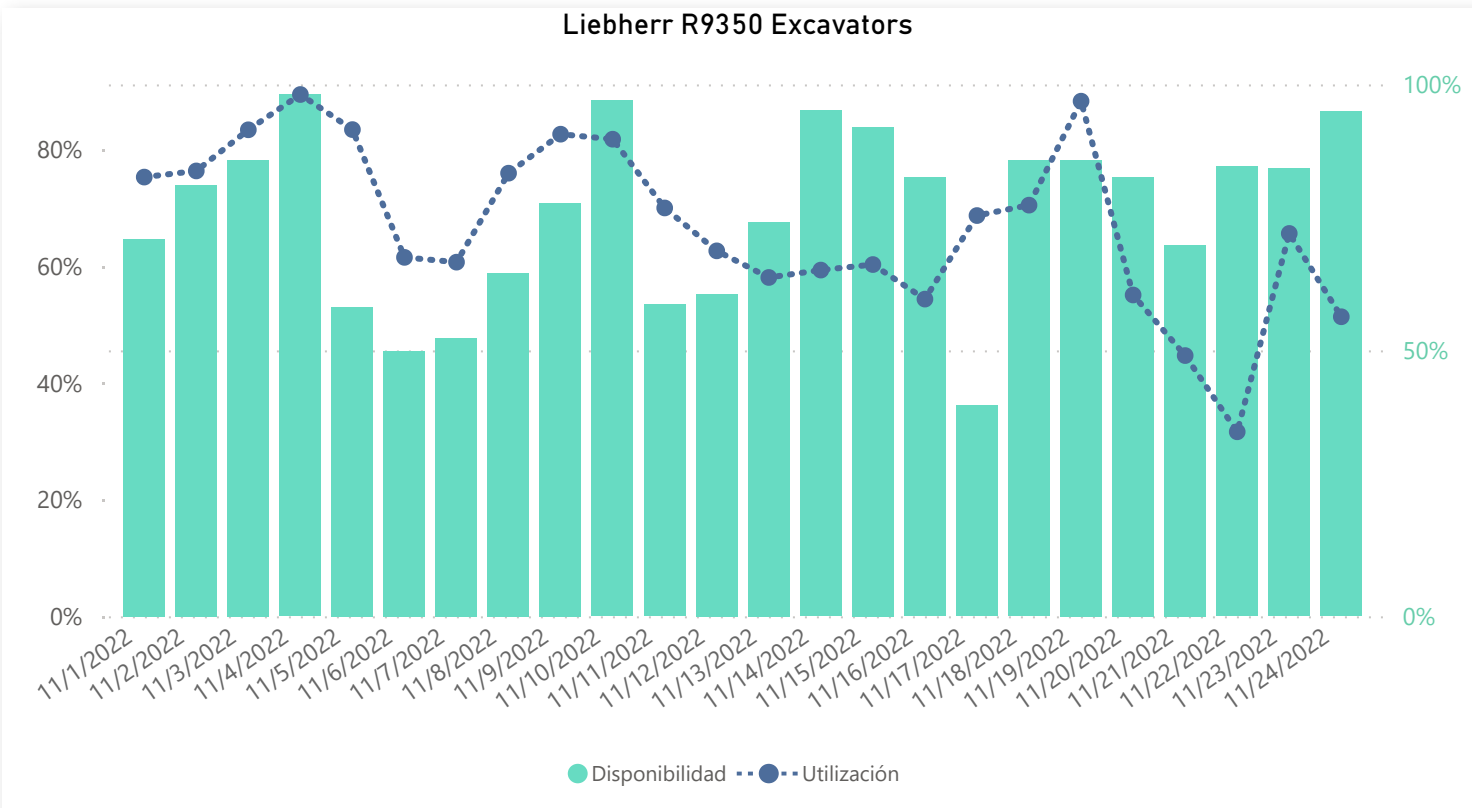
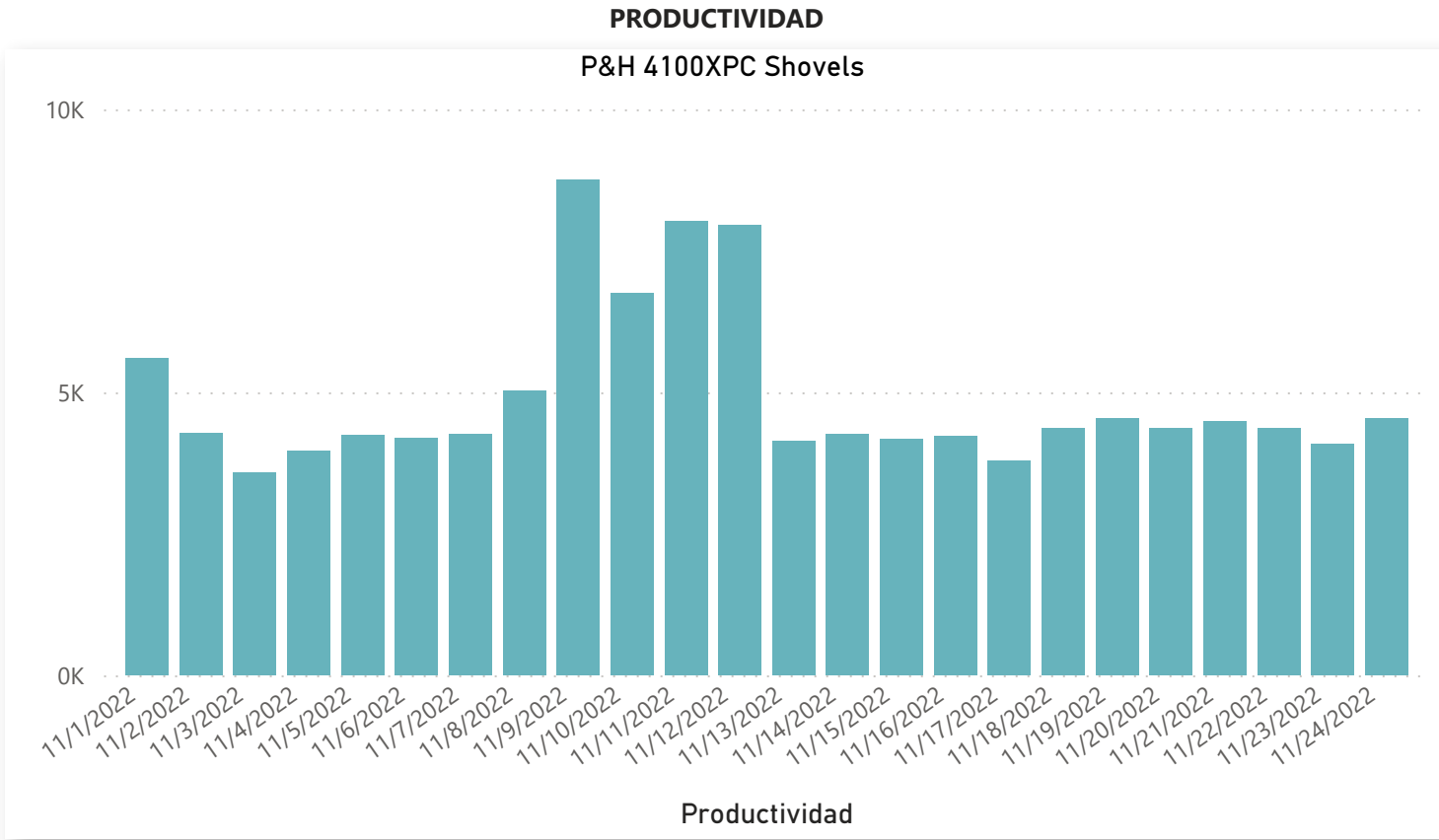
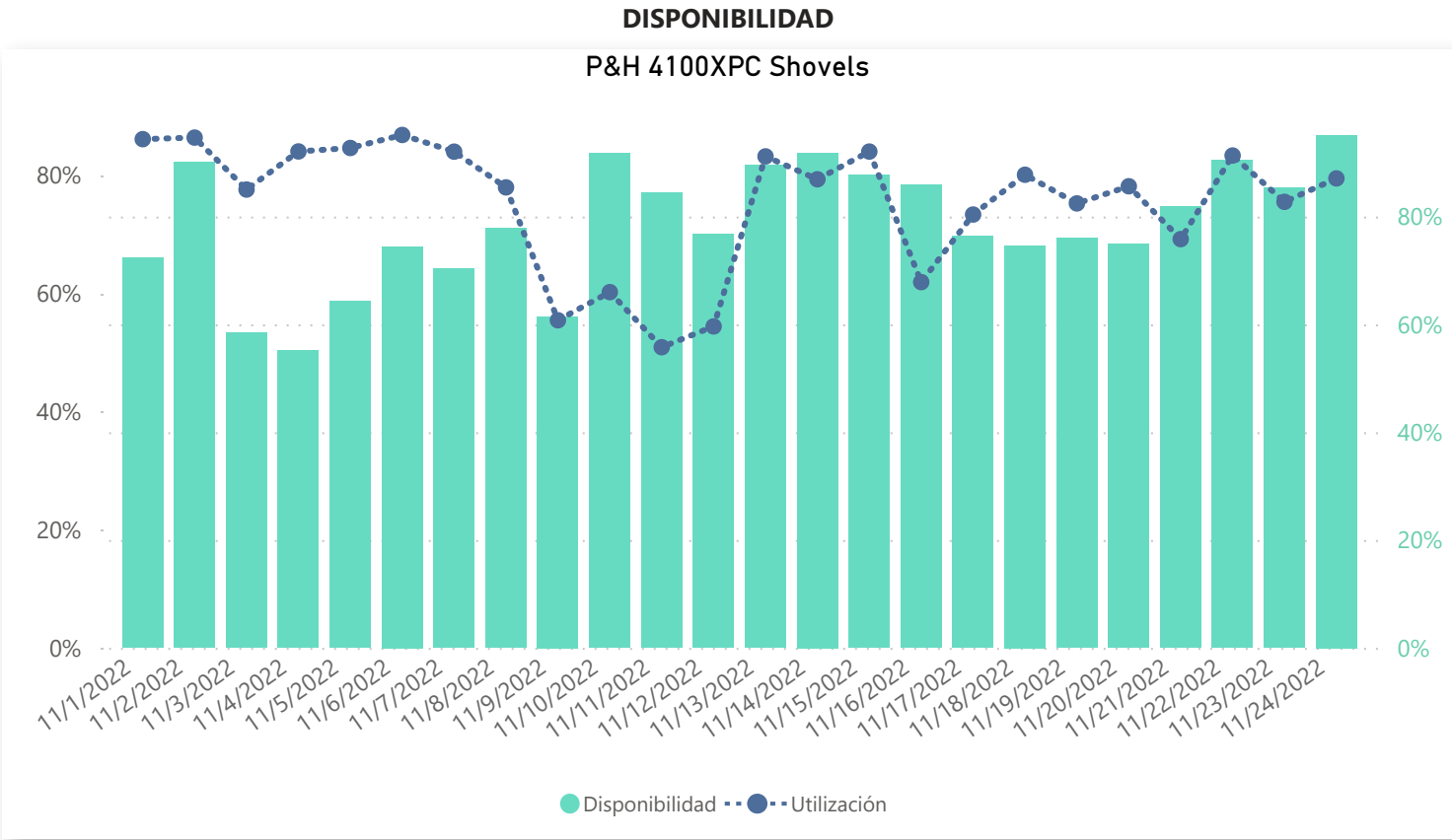
Unidad	Disponibilidad (%)	Hrs Disponibles	Unidad	Disponibilidad (%)	Hrs Disponibles
Pantograph T284			Pantograph T284		
	Pantogra DTU-001	100%		Pantogra DTU-021	100%
	Pantogra DTU-002	100%		Pantogra DTU-022	28%
	Pantogra DTU-003	100%		Pantogra DTU-023	100%
	Pantogra DTU-004	62%		Pantogra DTU-024	100%
	Pantogra DTU-005	67%		Pantogra DTU-025	100%
	Pantogra DTU-006	100%		Pantogra DTU-026	100%
	Pantogra DTU-007	0%		Pantogra DTU-027	100%
	Pantogra DTU-008	69%		Pantogra DTU-028	100%
	Pantogra DTU-009	100%		Pantogra DTU-029	67%
	Pantogra DTU-010	100%		Pantogra DTU-030	100%
	Pantogra DTU-011	100%		Pantogra DTU-031	72%
	Pantogra DTU-012	57%		Pantogra DTU-032	0%
	Pantogra DTU-014	95%		Pantogra DTU-033	100%
	Pantogra DTU-015	0%		Pantogra DTU-034	100%
	Pantogra DTU-016	100%		Pantogra DTU-035	84%
	Pantogra DTU-017	100%		Pantogra DTU-036	100%
	Pantogra DTU-018	71%		Pantogra DTU-037	100%
	Pantogra DTU-019	100%		Pantogra DTU-038	0%
	Pantogra DTU-020	100%		Pantogra DTU-039	100%



Cobre Panama Mining Production Summary

07:00 AM - 07:00 AM

CARGADORES



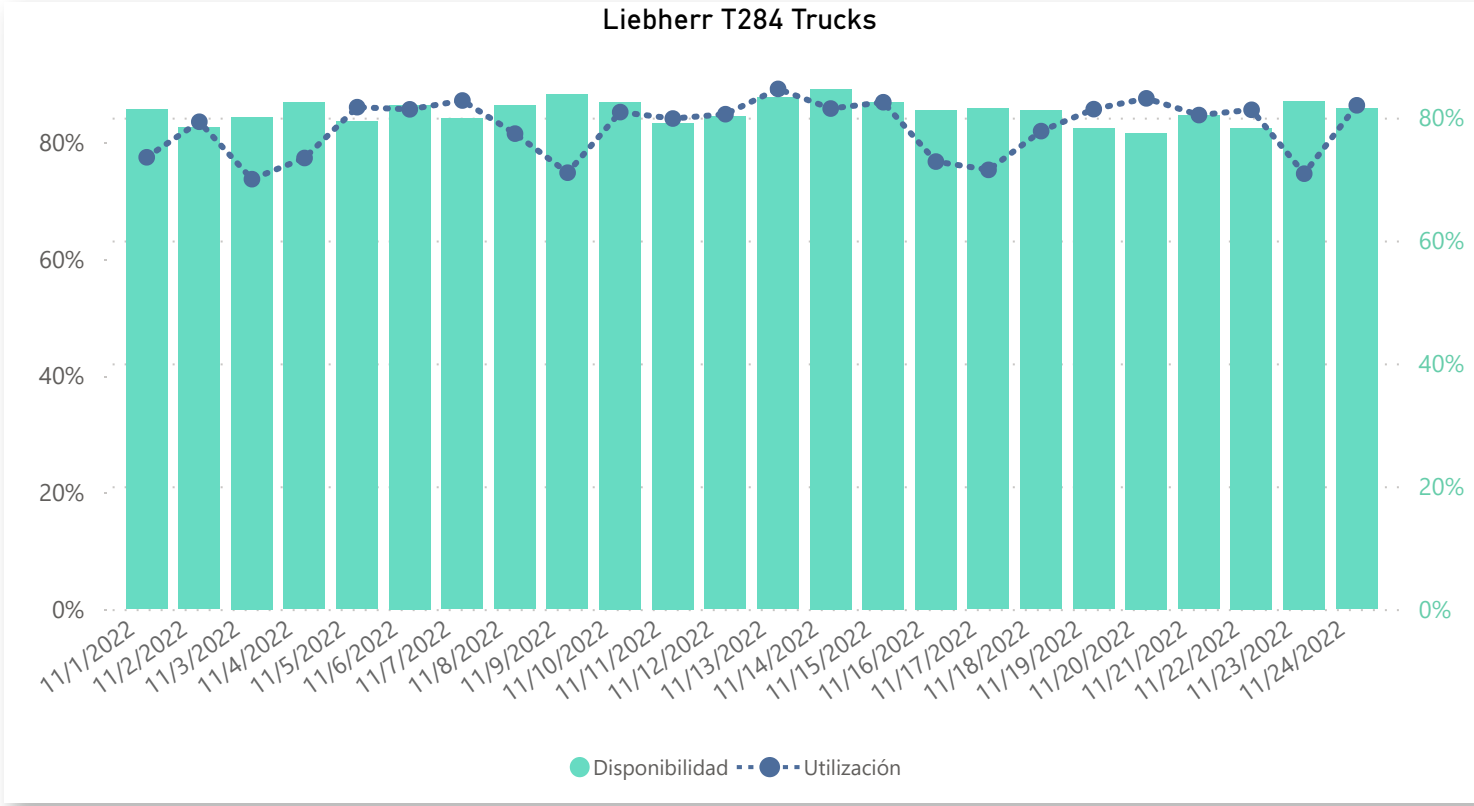


Cobre Panama Mining Production Summary

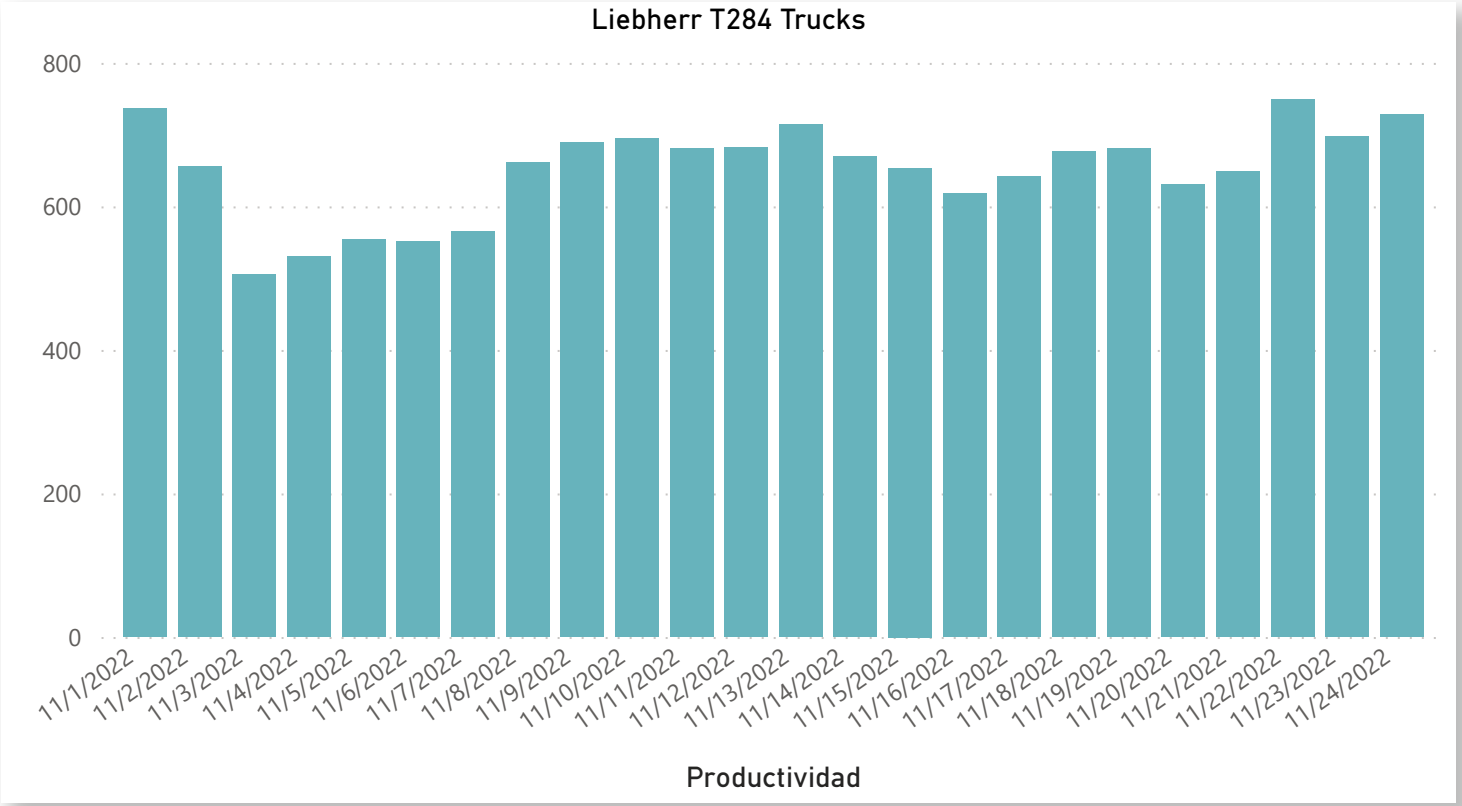
07:00 AM - 07:00 AM

TRANSPORTE

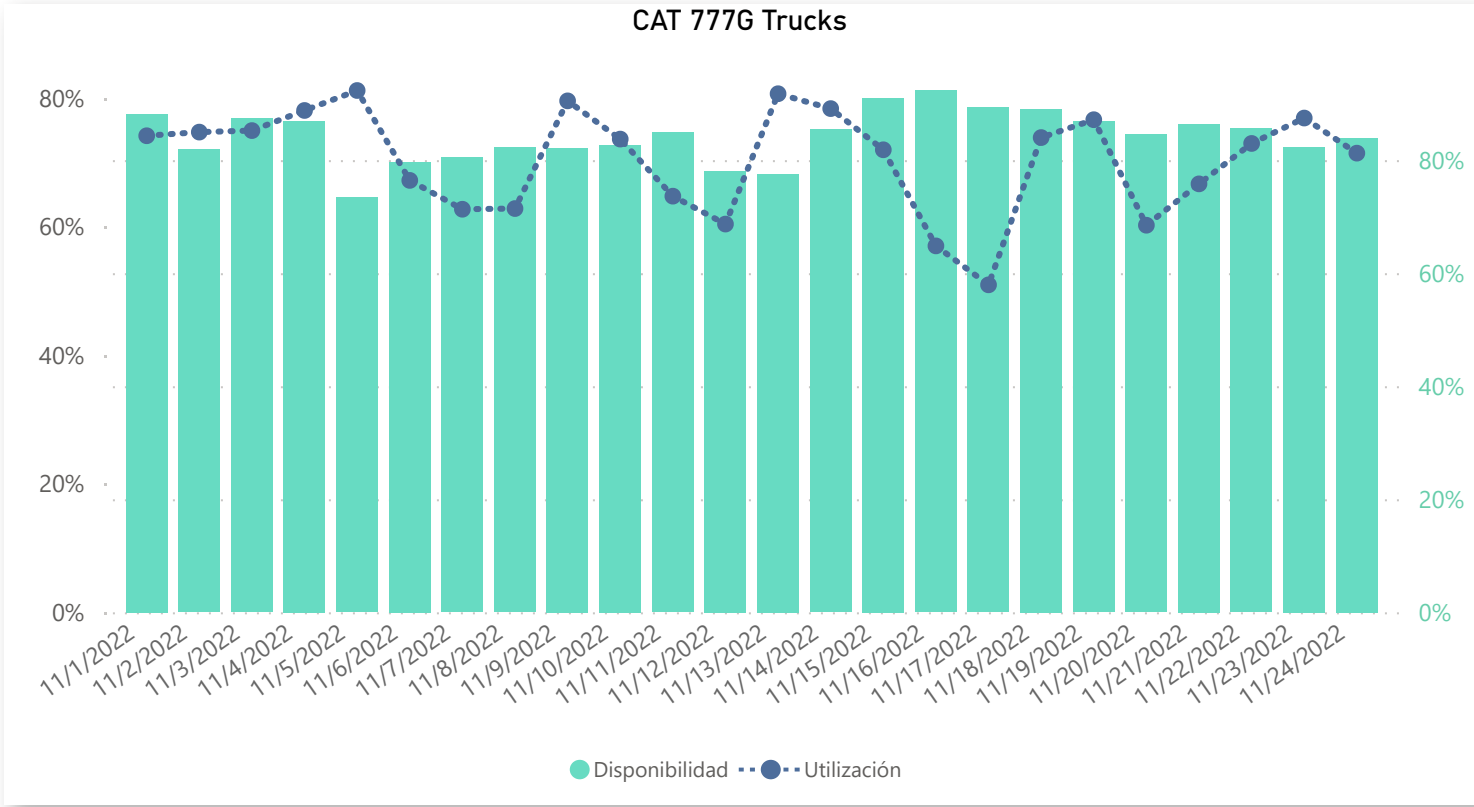
AVAILABILITY
Liebherr T284 Trucks



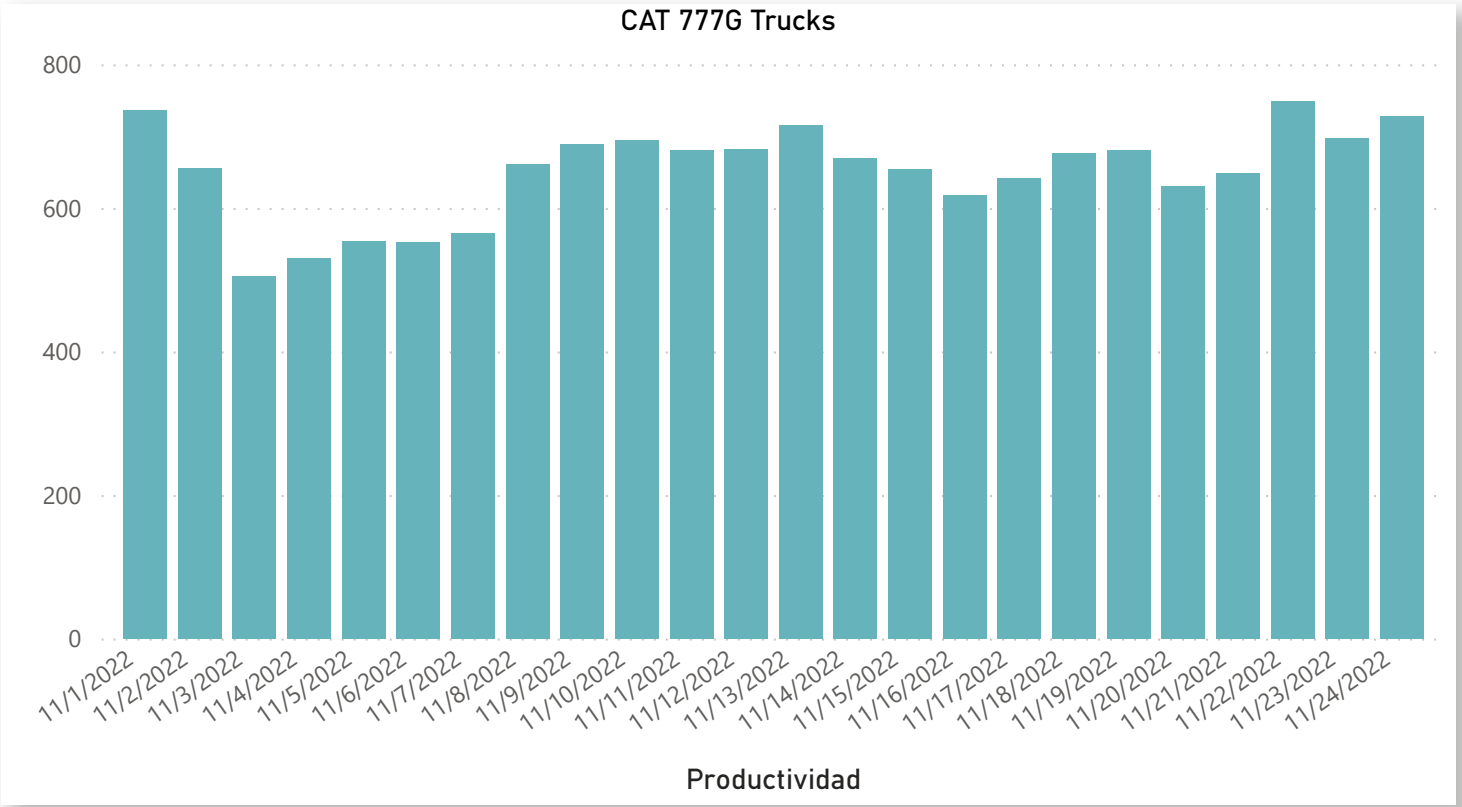
PRODUCTIVITY
Liebherr T284 Trucks



CAT 777G Trucks

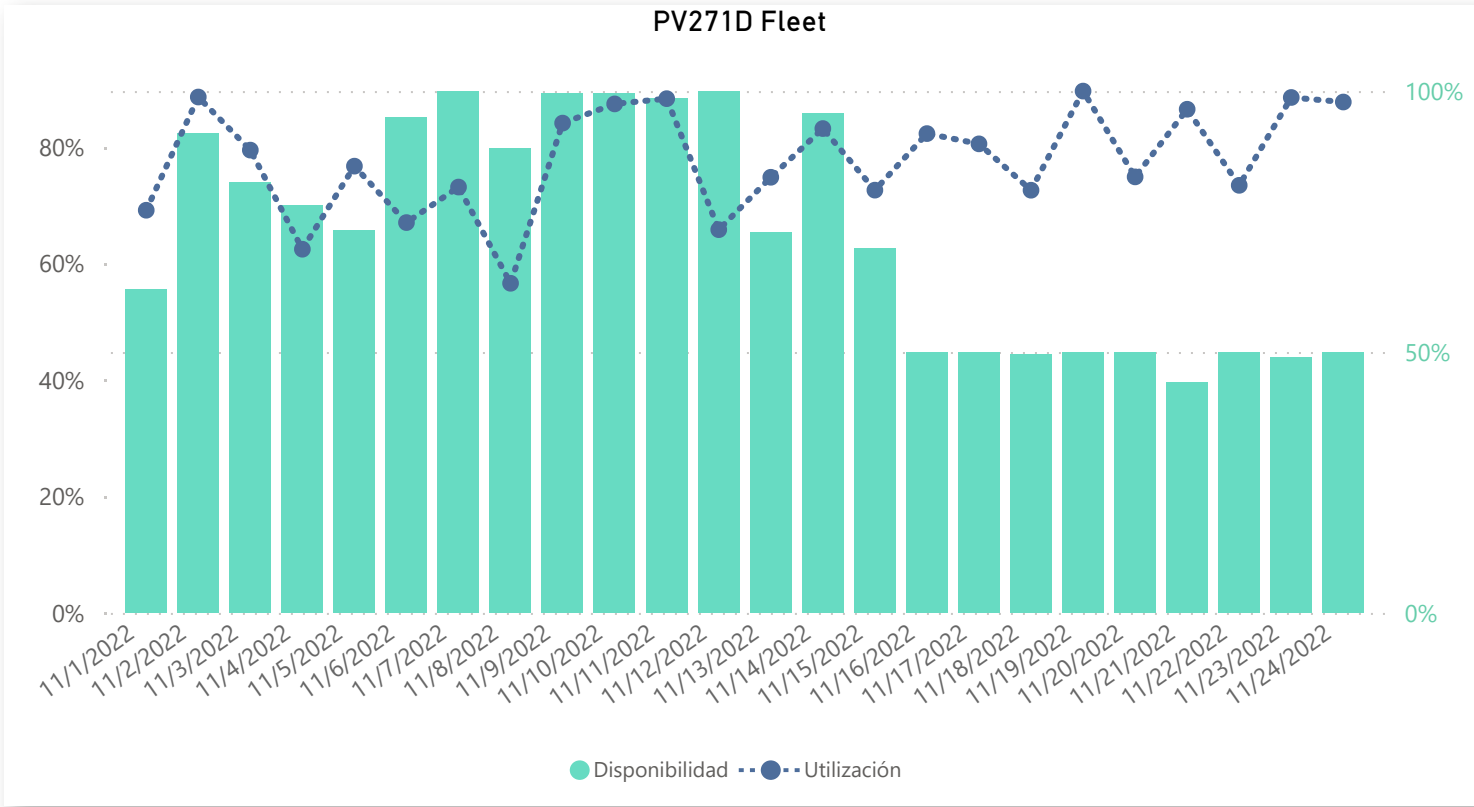


CAT 777G Trucks

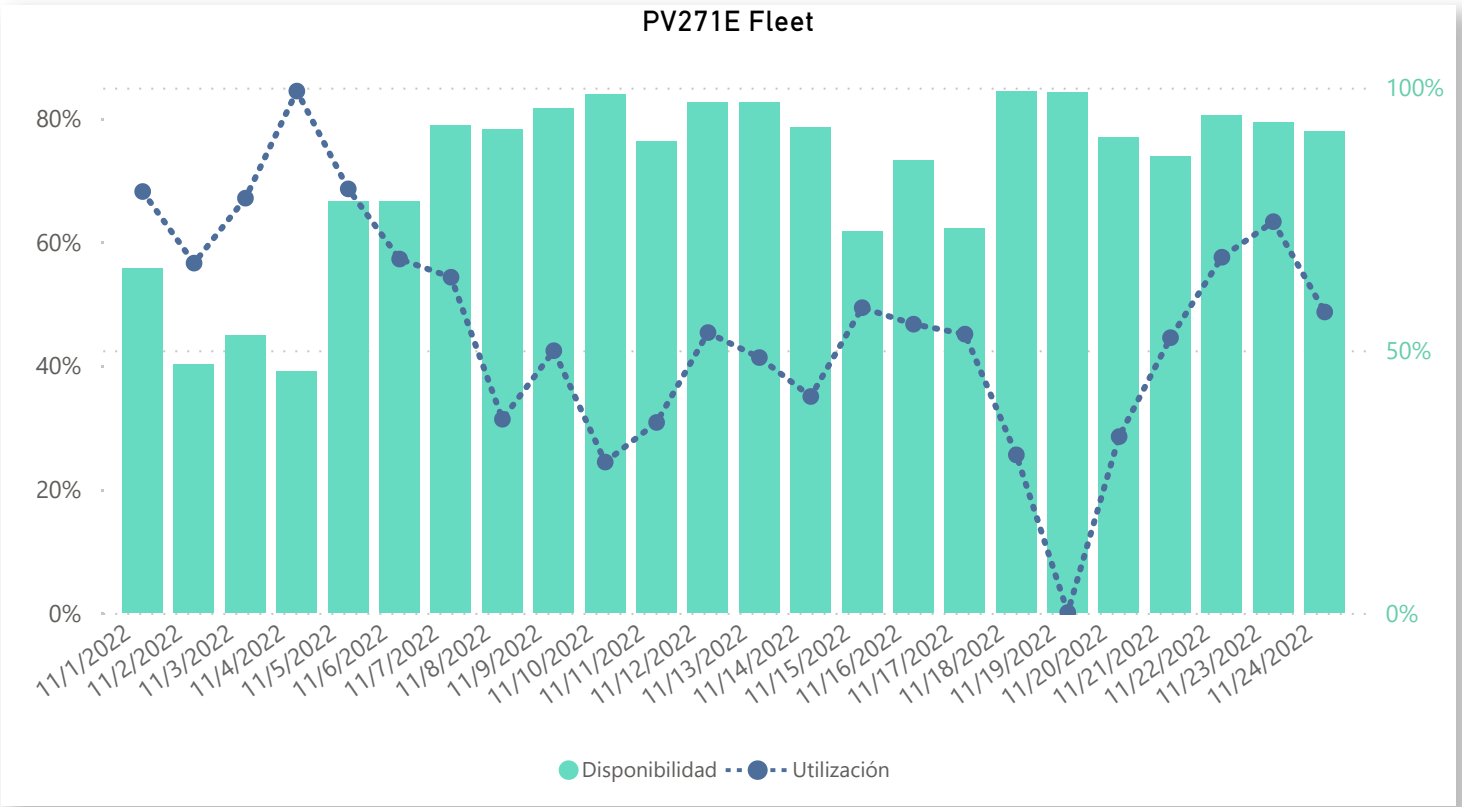


PERFORACION

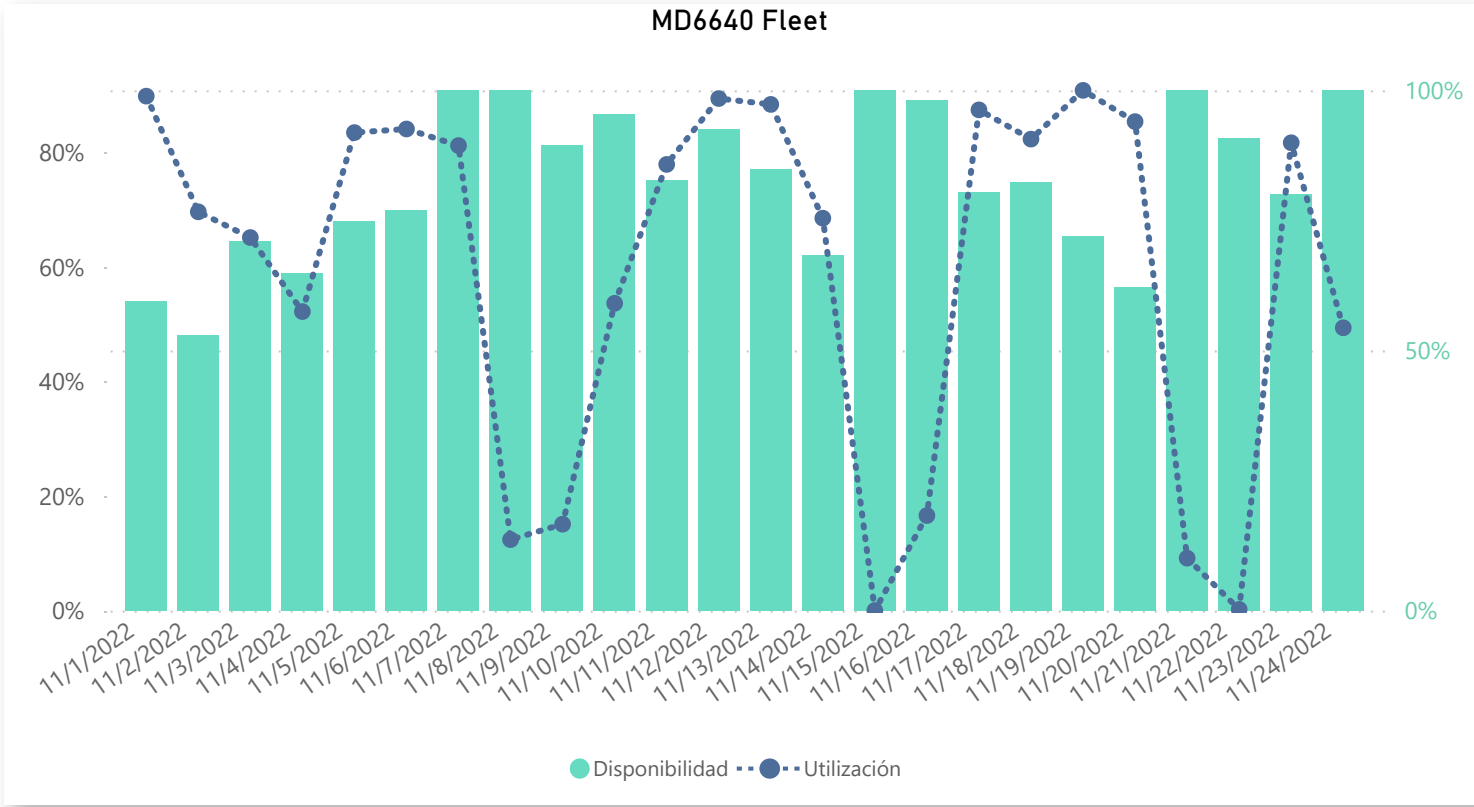
PV271D Fleet



PV271E Fleet



MD6640 Fleet



PV351E Fleet

